FIG. 1

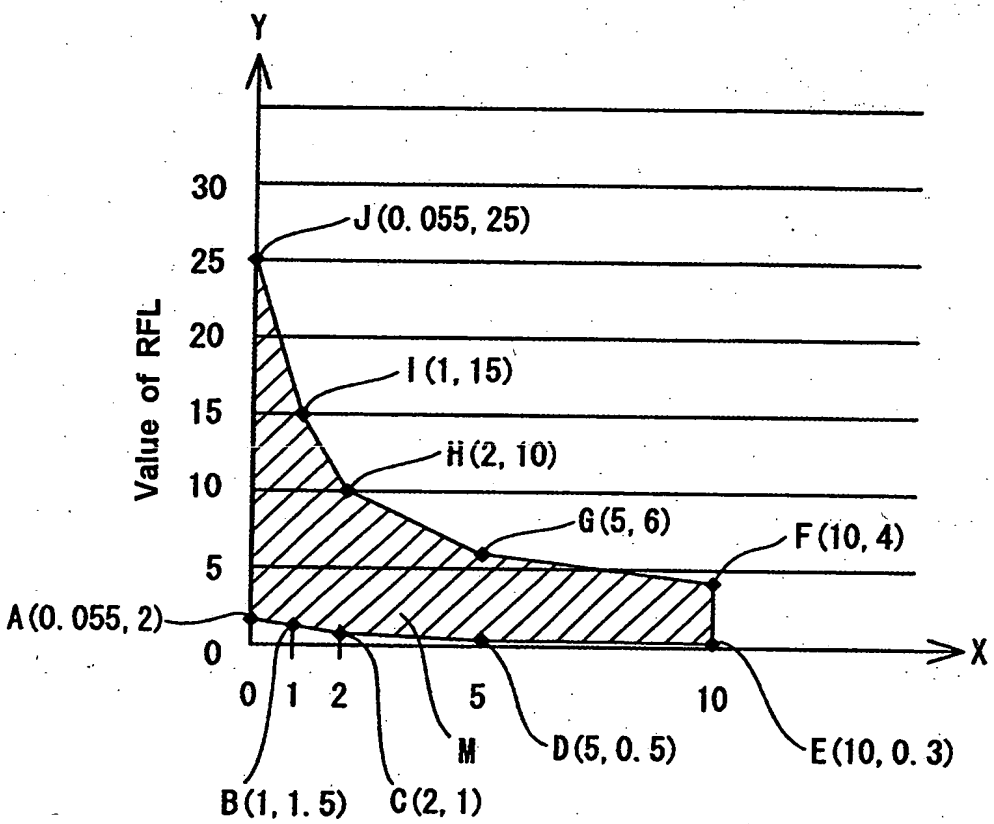

Y
30
25
20
15
10
5
0
Value of RFL
J (0. 055, 25)
I (1, 15)
H (2, 10)
G (5, 6)
F (10, 4)
A (0. 055, 2)
X
0
1
2
5
10
B (1, 1. 5)
C (2, 1)
M
D (5, 0. 5)
E (10, 0. 3)
Particle diameters of captured particles

FIG. 2 (A)

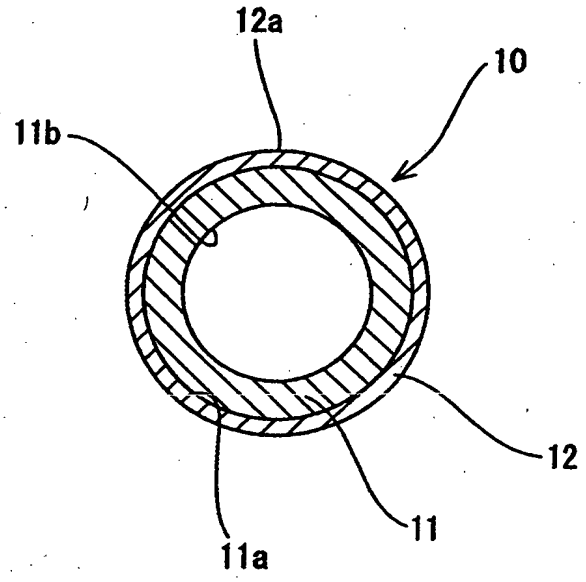


FIG. 2 (B)

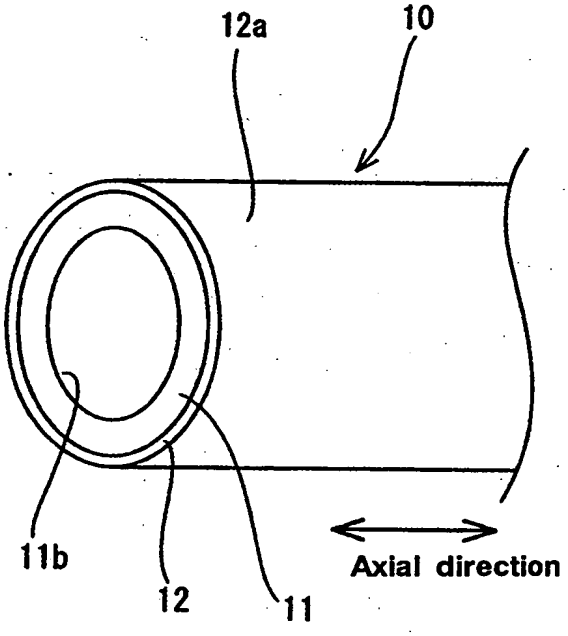


FIG. 3

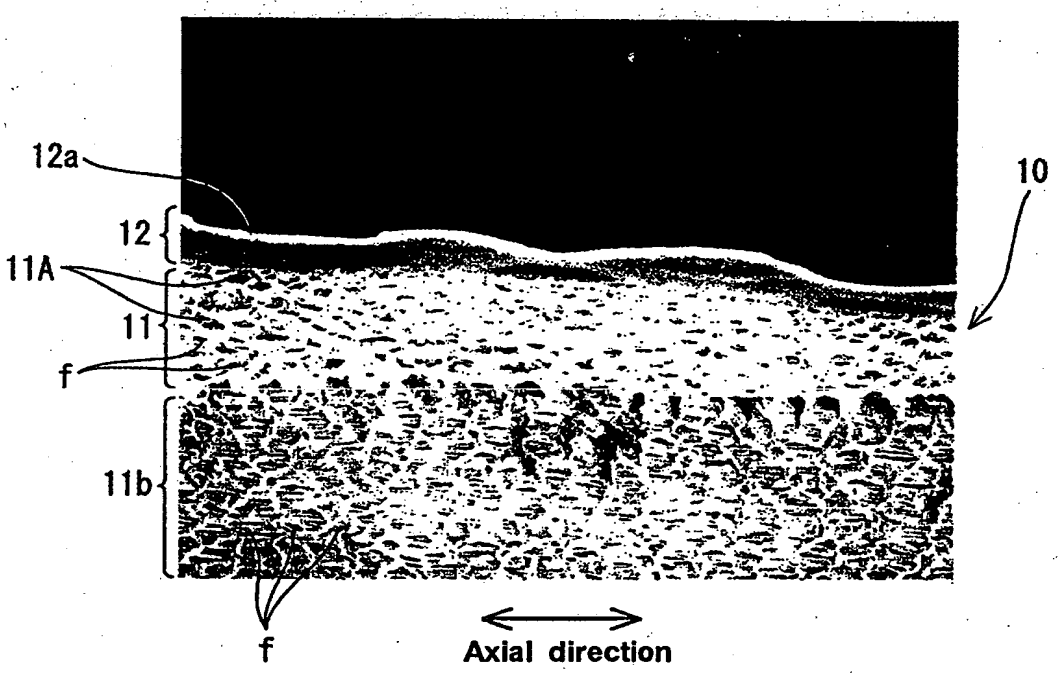


FIG. 4

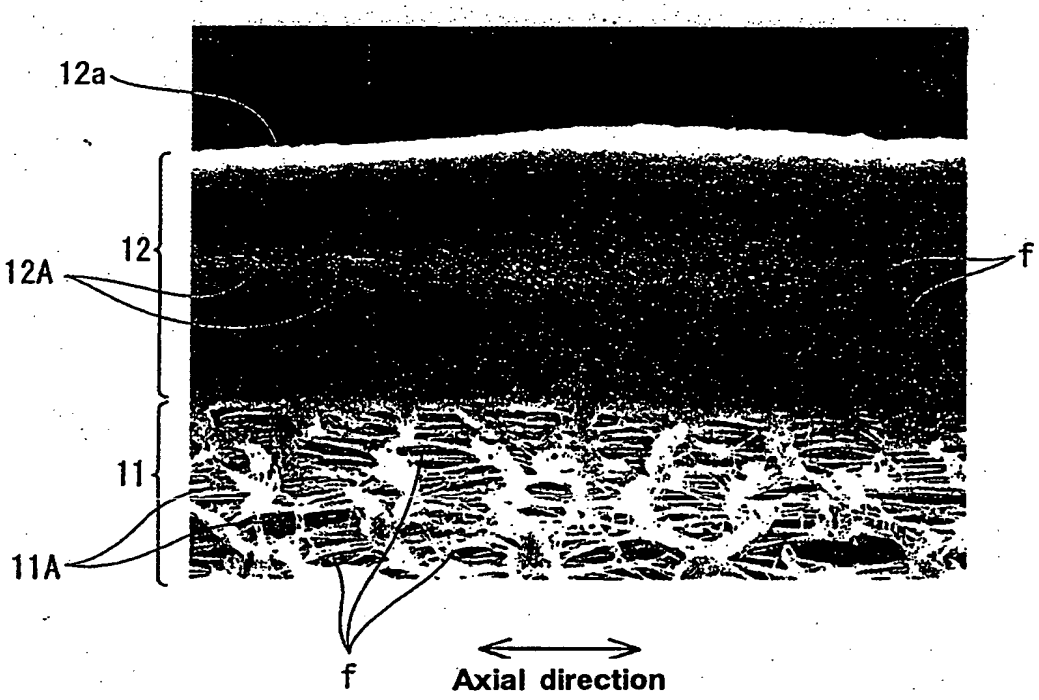


FIG. 5

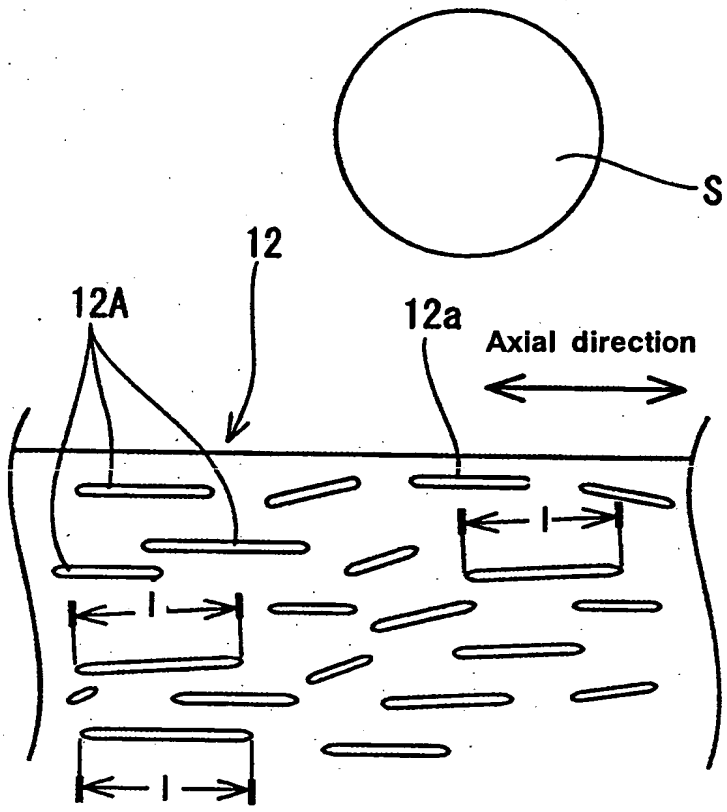


FIG. 6

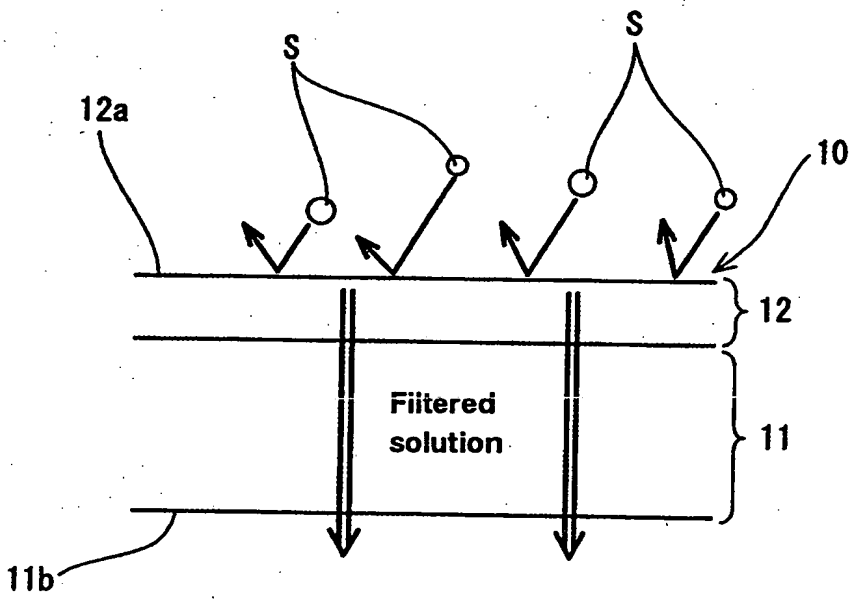


FIG. 7

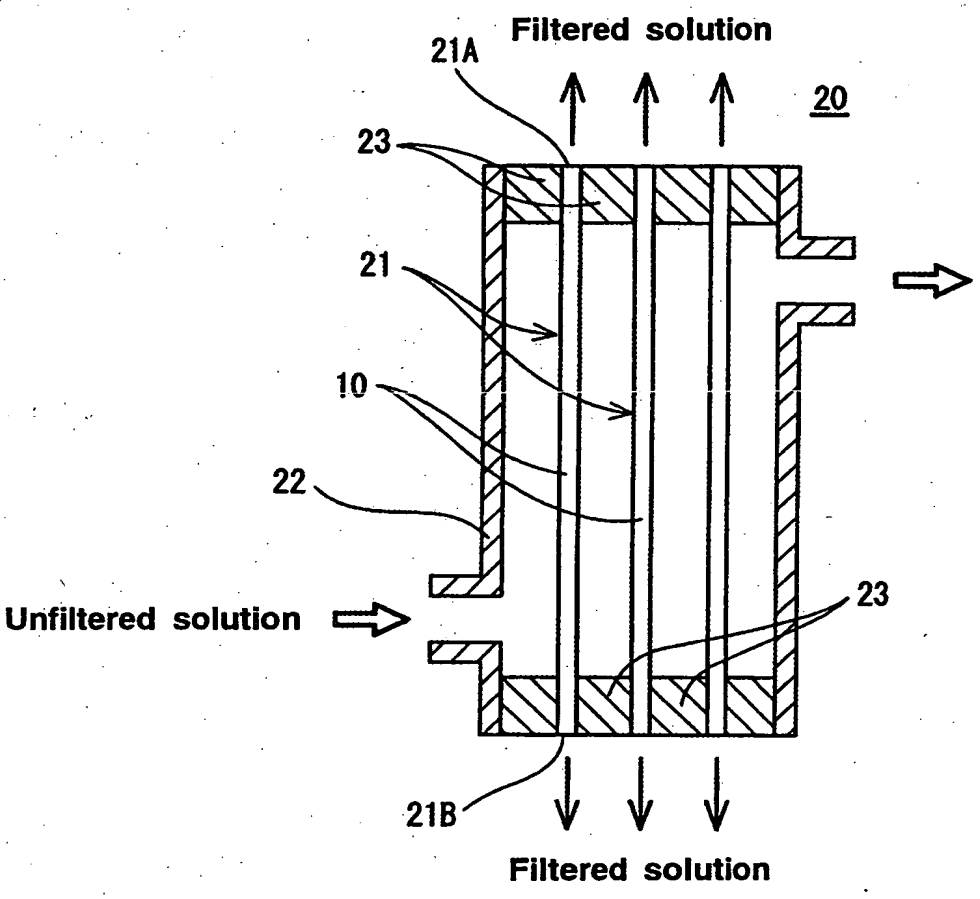

Filtered solution
21A
20
23
21
10
22
Unfiltered solution
23
21B
Filtered solution

FIG. 8 (A)

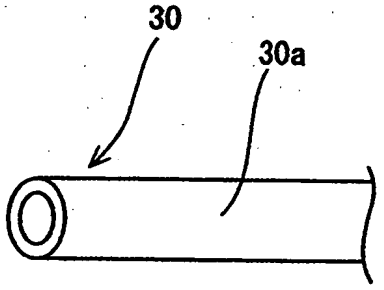


FIG. 8 (B)

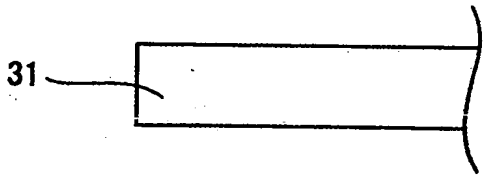


FIG. 8 (C)

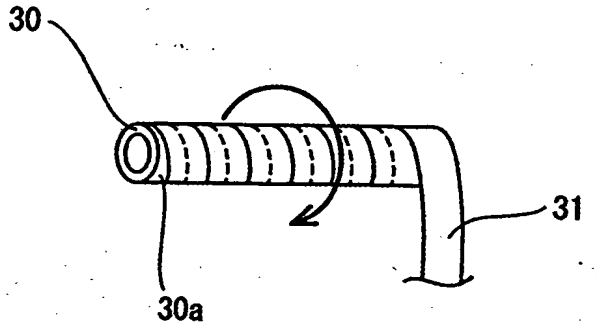


FIG. 8 (D)

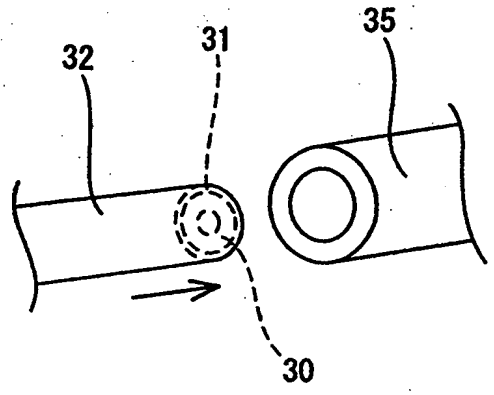


FIG. 9

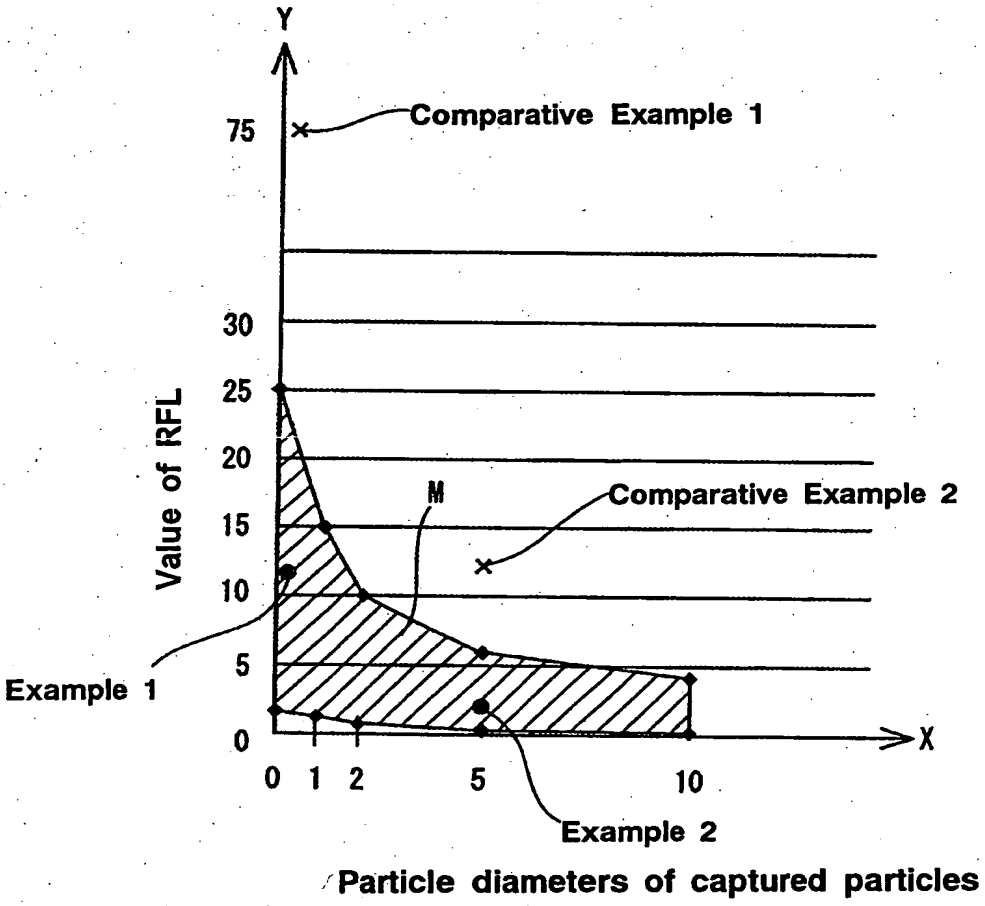

Y
75
Comparative Example 1
30
25
20
15
10
5
0
Value of RFL
M
Comparative Example 2
Example 1
X
0
1
2
5
10
Example 2
Particle diameters of captured particles

FIG. 10

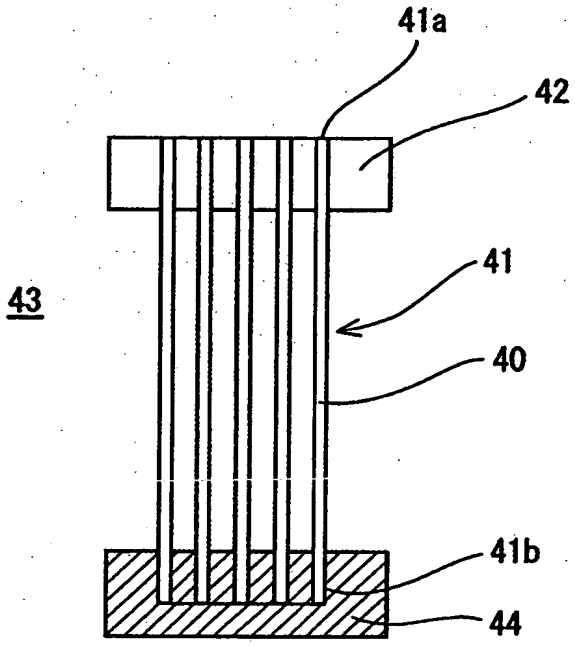


FIG. 11

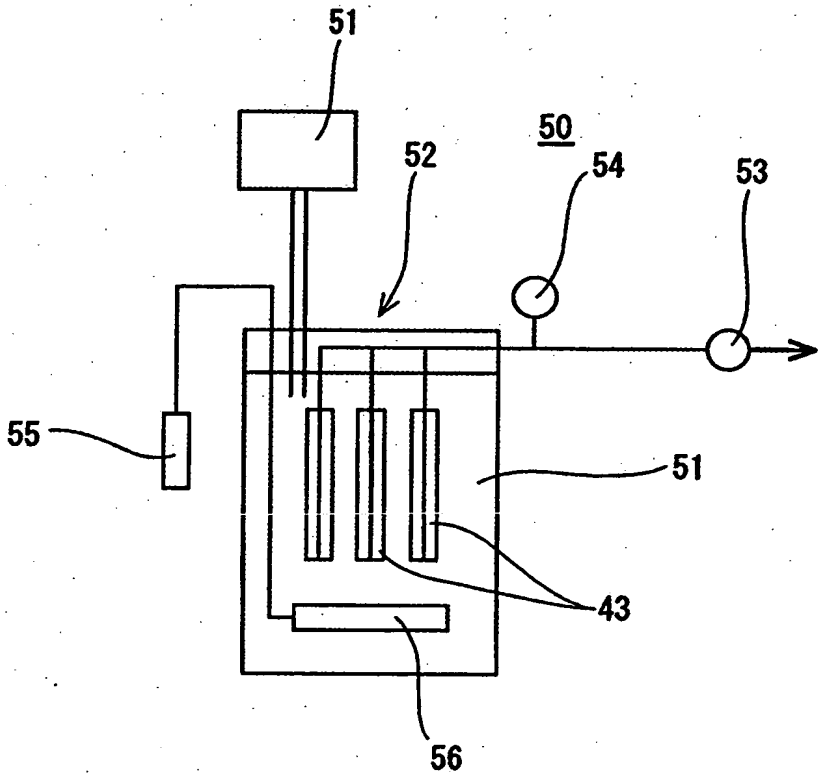


FIG. 12

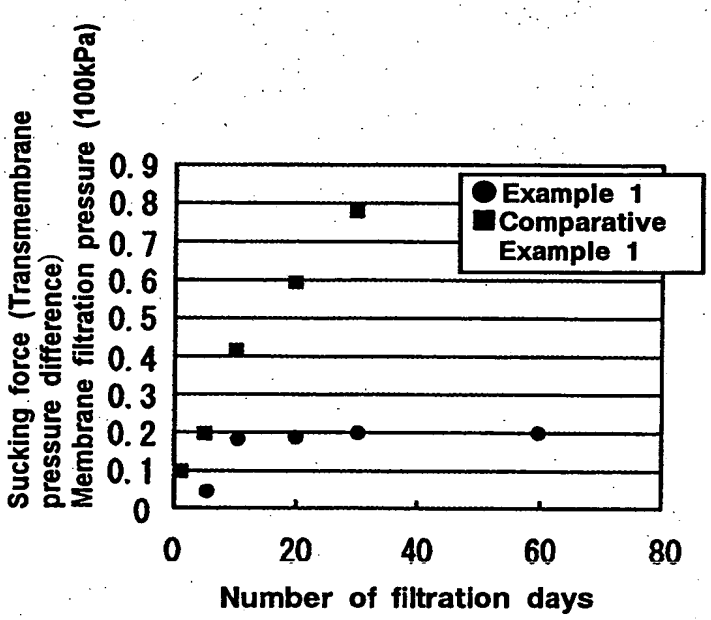
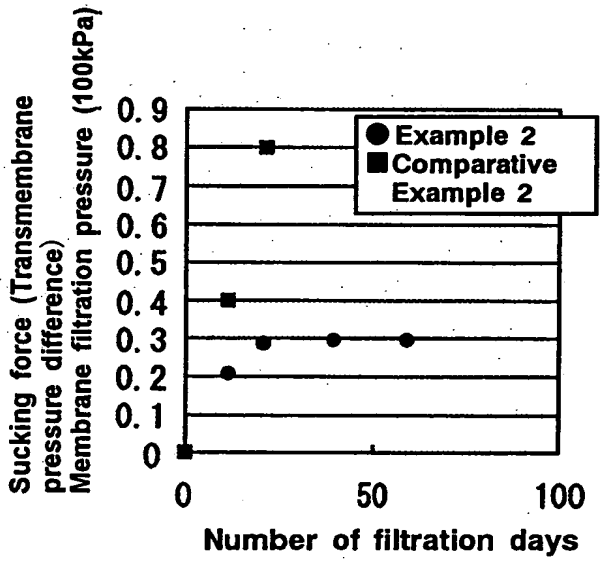

Sucking force (Transmembrane pressure difference)
Membrane filtration pressure (100kPa)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
20
40
60
80
Number of filtration days
Example 1
Comparative Example 1

FIG. 13


Sucking force (Transmembrane pressure difference)
Membrane filtration pressure (100kPa)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
50
100
Number of filtration days
Example 2
Comparative Example 2